

ABSTRACT

A molten-salt type catalyst is adapted for purifying particulate materials, which are contained in an exhaust gas emitted from an internal combustion engine and contain carbon. It includes a solid support and a catalytic ingredient. The catalytic ingredient is loaded on the solid support, and includes at least one member selected from the group consisting of silver nitrate, alkali metal nitrate, alkaline-earth metal nitrate and rare-earth nitrate. The molten-type catalyst can efficiently burn and remove the particulate materials even in a low temperature range.

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